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## TENNESSEE WEEKLY WEATHER AND CROP BULLETIN



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2004 Weather Crop 19

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Week Ending August 8, 2004

### TOBACCO AND CORN SILAGE HARVEST BEGINS

Tobacco and corn silage harvest for the State began in earnest this past week with only minor disruptions from scattered showers. Other activities during the 5 days suitable for fieldwork last week were topping tobacco and applying pesticides to crops. Silage harvest was about a week ahead of last year and on-pace with normal. Nearly all of the corn crop has reached the dough stage, with a small amount of acreage having reached maturity. Almost all of the cotton crop was setting bolls, slightly ahead of the 5-year average. Cotton and soybean development continued to outpace last year and the five-year average, while conditions remained good-to-excellent. Rainfall averaged above normal in Middle Tennessee and below normal elsewhere across the State. Temperatures were between 3 and 5 degrees below normal for the week. As of Friday, topsoil moisture levels were rated 19 percent short, 76 percent adequate, and 5 percent surplus. Subsoil moisture levels were rated 19 percent short, 78 percent adequate, and 3 percent surplus.

CROP PROGRESS: Through August 8, 2004					CONDITION: On August 6, 2004					
Crop	This Week	Last Week	2003	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn Dough	96	88	89	87	Corn	1	3	12	48	36
Corn Dent	75	54	62	56	Cotton	0	1	11	55	33
Corn Mature	7	n/a	11	12	Soybeans	2	3	15	54	26
Corn Silage Harvested	20	n/a	11	21	Tobacco	1	5	25	52	17
Cotton - Setting Bolls	96	92	80	93	Pastures	0	3	16	63	18
Soybeans - Blooming	82	72	65	78	Cattle	0	2	16	65	17
Soybeans - Setting Pods	64	49	35	50						
Tobacco Topped	71	52	60	63						
Burley Tobacco Harvested	11	n/a	5	9						
Air-Cured Tobacco Harvested	5	n/a	1	7						
Fire-Cured Tobacco Harvested	4	n/a	7	11						

n/a = not available

**CORN:** Three-fourths of the corn crop had entered the dent or beyond stage by week’s end, while only a fraction was considered mature. Eighty-four percent of the crop was rated in good-to-excellent condition. Corn acreage has developed into dough and dent stages at a pace slightly more than a week ahead of normal.

**COTTON:** Cotton remained in mostly good-to-excellent condition, with virtually all of the crop setting bolls. Insect pressure remained light in most areas. A few fields had plants beginning to open bolls.

**SOYBEANS:** The State’s soybean crop remained in good-to-excellent condition despite a few occurrences of stink bugs and frogeye disease. Almost two-thirds of the crop is setting pods, a week ahead of normal and two weeks ahead of last year.

**TOBACCO:** Almost three-fourths of the tobacco crop has been topped. With the current mild weather, tobacco conditions were upgraded slightly from a week earlier, but still continued as mostly good. As of Sunday, 11 percent of the State’s burley had been harvested, as well as 5 percent of the State’s dark air-cured acreage. Only a few fields of dark fired-cured had been harvested.

**PASTURES, HAY & CATTLE:** Cattle and pastures were rated in mostly good-to-excellent condition. Some pinkeye problems were reported in cattle herds. Hay producers continued harvest across the State.

TEMPERATURES AND PRECIPITATION For week ending: August 8 <sup>th</sup> , 2004(with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending August 8 <sup>th</sup> , 2004				Current Week 8/8/04	Rain Days	Current Since January 1	Departure From Normal	Since April 1	
	HI	LO	AVG	DFN					Total	DFN
Ames_Plantation	92	54	74	-5	0.22	2	37.70	+4.50	1659	+38
Tri-City_RGNL_A	88	47	71	-4	0.49	3	29.92	+3.54	1244	+159
Brownsville_TN	93	57	77	-4	0.81	1	33.34	+0.11	1768	+347
Chattanooga/Lov	92	59	77	-2	0.01	1	30.34	-3.53	1718	+216
Clarksville_Sew	93	54	74	-5	0.65	1	28.36	-3.26	1615	+185
Cookeville	90	50	72	-5	0.47	2	39.59	+3.64	1335	+453
Covington	91	55	74	-6	1.06	2	31.65	-0.98	1586	-68
Crossville_AP	86	50	70	-4	0.41	2	36.57	+1.07	1196	+187
Dickson_AG	89	51	72	-6	1.36	1	38.81	+4.89	1350	-149
Dover_1W	90	53	74	-4	0.96	1	28.26	-4.65	1497	+237
Dyersburg	91	55	75	-6	0.29	1	25.00	-6.60	1712	-49
Erwin_1W	89	47	71	-2	1.33	3	29.99	-1.88	1192	-107
Huntingdon_Wate	92	54	75	-4	0.16	1	34.39	+1.29	1603	+252
Jackson_Exp_Stn	92	57	75	-4	0.50	1	32.64	-0.40	1691	+123
Kingston_AG	90	54	73	-3	0.16	2	35.56	-1.69	1421	+255
Knoxville_AP	89	54	74	-3	0.36	1	33.49	+2.63	1577	+278
Lewisburg	92	48	73	-5	0.35	2	39.31	+4.26	1531	+214
Lexington_TN	93	54	75	-5	0.42	2	35.15	+2.91	1571	+623
Linden	92	50	74	-4	0.18	2	33.16	-2.10	1495	+166
Martin	93	54	75	-4	0.15	1	27.64	-5.75	1640	+132
Mc_Minnville_Tn	91	53	73	-5	0.39	3	37.00	+2.96	1527	-148
Memphis_AG	94	58	76	-7	0.96	1	33.86	+1.58	1760	-200
Milan	94	50	74	-4	0.34	1	29.21	-4.75	1602	+129
Murfreesboro_5N	95	52	74	-5	0.86	2	34.28	+0.81	1539	-119
Nashville_Metro	93	56	76	-4	2.39	2	36.73	+6.67	1674	+108
Newcomb	88	49	71	-3	0.66	2	33.50	-1.27	1209	+265
Oneida	88	50	71	-3	0.89	3	32.57	-2.20	1252	-149
Pikeville	92	52	74	-4	0.54	1	31.06	-2.87	1467	+179
Portland_TN	90	55	73	-4	0.89	2	38.56	+5.84	1472	+186
Pulaski_Water_P	91	54	74	-6	0.00	0	40.19	+5.46	1503	-73
Savannah_6SW	93	48	74	-7	0.02	1	44.62	+8.58	1633	+263
Sparta_TN	93	50	74	-3	1.14	1	41.41	+6.44	1594	+485
Springfield	90	53	72	-5	1.32	2	36.72	+5.20	1484	+181
Springhill	93	51	74	-4	0.47	2	39.17	+4.14	1590	+278
Union_City	91	53	73	-5	0.12	1	27.95	-4.51	1493	+19
Waynesboro_TN	91	51	73	-5	0.28	2	39.81	+2.95	1463	-58

DFN = Departure From Normal (Using 1961-90 Normals Period).    GDD = Growing Degree Days.  
 Precipitation Days = Days with precip of 0.01 inch or more.    Precipitation (rain or melted snow/ice) in inches.  
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